

OPINION 572

SUPPRESSION UNDER THE PLENARY POWERS OF THE GENERIC NAME *CALANDRA* CLAIRVILLE & SCHELLENBERG, 1798, AND VALIDATION UNDER THE SAME POWERS OF THE SPECIFIC NAME *ABBREVIATUS* FABRICIUS, 1787, AS PUBLISHED IN THE BINOMEN *CURCULIO ABBREVIATUS* (CLASS INSECTA, ORDER COLEOPTERA)

RULING.—(1) The following action is hereby taken under the plenary powers :

(a) the following names are suppressed for the purposes of the Law of Priority but not for those of the Law of Homonymy :

(i) the generic name *Calandru* Clairville & Schellenberg, 1798 ;

(ii) the specific name *elegans* Fourcroy, 1785, as published in the binomen *Curculio elegans* ;

(b) the specific name *abbreviatus* Fabricius, 1787, as published in the binomen *Curculio abbreviatus* (a junior primary homonym of *Curculio abbreviatus* Linnaeus, 1758), is hereby validated ;

(c) the emendation to *oryzae* of the specific name *oryza* Linnaeus, 1763, as published in the binomen *Curculio oryza*, is hereby validated.

(2) The following generic names in the Class Insecta, Order Coleoptera, are hereby placed on the Official List of Generic Names in Zoology with the Name Numbers specified :

(a) *Diaprepes* Schoenherr, 1823 (gender : masculine), type-species, by original designation, *Curculio spengleri* (emend. of *sprengleri*) Linnaeus, 1767 (Name No. 1374) ;

(b) *Sitophilus* Schoenherr, 1838 (gender : masculine), type-species, by original designation, *Curculio oryzae* Linnaeus, 1763 (Name No. 1375) ;

(c) *Sphenophorus* Schoenherr, 1838 (gender : masculine), type-species, by original designation, *Curculio abbreviatus* Fabricius, 1787 (Name No. 1376).

(3) The following specific names are hereby placed on the Official List of Specific Names in Zoology with the name numbers specified :

(a) *abbreviatus* Linnaeus, 1758, as published in the binomen *Curculio abbreviatus* (Name No. 1678) ;

(b) *granarius* Linnaeus, 1758, as published in the binomen *Curculio granarius* (Name No. 1679) ;

(c) *oryzae* (emend. under the plenary powers in (1)(c) above of *oryza*) Linnaeus, 1763, as published in the binomen *Curculio oryzae* (type-species of *Sitophilus* Schoenherr, 1838) (Name No. 1680) ;

(d) *abbreviatus* Fabricius, 1787, as published in the binomen *Curculio abbreviatus*, validated under the plenary powers in (1)(b) above (type-species of *Sphenophorus* Schoenherr, 1838) (Name No. 1681).

(4) The following generic names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology with the name numbers specified :

- (a) *Calandra* Clairville & Schellenberg, 1798, suppressed under the plenary powers in (1)(a)(i) above (Name No. 1286) ;
- (b) *Calendra* Clairville & Schellenberg, 1798, an invalid original spelling for *Calandra* through the action of J. C. Fabricius, 1801 as "first subsequent user" (Name No. 1287) ;
- (c) the following junior homonyms of *Calandra* Clairville & Schellenberg, 1798 :
 - (i) *Calandra* Rafinesque, 1815 (Name No. 1288)¹;
 - (ii) *Calandra* Oken, 1817 (Name No. 1289) ;
 - (iii) *Calandra* Brookes, 1830 (Name No. 1290) ;
 - (iv) *Calandra* Lesson, 1837 (Name No. 1291) ;
 - (v) *Calandra* Gistel, 1848 (Name No. 1292) ;
- (d) the following junior homonyms of *Sphenophorus* Schoenherr, 1838 :
 - (i) *Sphenophorus* Newberry, 1890 (Name No. 1293) ;
 - (ii) *Sphenophorus* Breitfuss, 1898 (Name No. 1294).
- (5) The following specific names are hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology with the Name Numbers specified :
 - (a) *elegans* Fourcroy, 1785, as published in the binomen *Curculio elegans* (suppressed under the plenary powers in (1)(a)(ii) above) (Name No. 598) ;
 - (b) *oryza* Linnaeus, 1763, as published in the binomen *Curculio oryza* (ruled under the plenary powers in (1)(c) above to be an invalid original spelling for *oryzae*) (Name No. 599) ;
 - (c) *spengleri* Linnaeus, 1767, as published in the binomen *Curculio spengleri* (an invalid original spelling for *spengleri*) (Name No. 600) ;
 - (d) *decurtatus* Gmelin, [1790], as published in the binomen *Curculio decurtatus* (a junior objective synonym of *abbreviatus* Fabricius, 1787, as published in the binomen *Curculio abbreviatus*) (Name No. 601).
- (6) The following family-group names are hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology, with the Name Numbers specified :
 - (a) CALANDRINI (correction of CALANDRAEIDES) Schoenherr, 1826 (invalid under Declaration 20 because the name of its type-genus (*Calandra* Clairville & Schellenberg, 1798) has been suppressed under the plenary powers in (1)(a)(i) above) (Name No. 306) ;
 - (b) CALANDRAEIDES Schoenherr, 1826 (an invalid original spelling for CALANDRINI) (Name No. 307) ;
 - (c) CALANDRAEAE Guelding, 1828 (invalid under Declaration 20) (Name No. 308) ;
 - (d) CALANDRIDES Schoenherr, 1837 (an incorrect spelling for CALANDRINI) (Name No. 309) ;
 - (e) CALENDRINAE Leng, C. W., 1920 (an erroneous subsequent spelling for CALANDRINI) (Name No. 310).

¹ The item "*Calandra* Fitzinger, 1815" in *Bull. zool. Nomencl.* 16 : 46 was a *lapsus calami*.—Editor.

HISTORY OF THE CASE (Z.N.(S.) 255)

The present case began in 1944 with attempts by the then Secretary to the Commission, Mr. Francis Hemming, to obtain information to elucidate a statement by G. A. K. Marshall, 1940 (*Bull. Ent. Res.* 31 : 125) to the effect that an application was about to be made to the Commission for the preservation of the generic name *Calandra* Clairville & Schellenberg, 1798. The difficult and complicated steps which led finally to its submission to the Commission are fully explained in the Secretary's report (*Bull. zool. Nomencl.* 16 : 5-47). Public Notice of the possible use of the plenary powers in this case was given in the part of the *Bulletin* in which the Secretary's report was published as well as to the other prescribed serial publications (*Bull. zool. Nomencl.* 4 : 51-56) and to seven entomological serials.

The Secretary's report was based in part on a questionnaire sent to specialists in Coleoptera. Of the 28 replies, 16 were in favour of the proposals put forward, while 10 and 2 respectively supported other possible alternative solutions. Three comments were received after the publication of the report, as follows :

(a) *J. Balfour-Browne* (*British Museum (Natural History), London*).—"In his report . . . Hemming has listed (: 41) the views of specialists on the question whether it is desirable that the specific name *abbreviatus* Fabricius, 1787—a junior homonym of the Linnean species *Curculio abbreviatus* (1758)—should be validated under the plenary powers. The majority opinion was in favour of such validation and accordingly Hemming proposes (: 45) that the name be validated. As the record shows (: 43-44) I first approved and then retracted from this proposal. Since that correspondence the Draft Rules to be considered at the forthcoming Congress in London have been circulated. In these Draft Rules a new 'Article 5' has been included concerning Continuity and Universality of Usage, and Section 3 of this Article, entitled 'Principle of Conservation', appears to me to be strictly relevant to this matter. The principle states : 'If a name for a taxon that is not an invalid homonym is in general current use . . .' In my retraction of my original standpoint in this matter I used the words 'I think the principle of primary homonymy should be preserved . . . convenience should here give way to principle.' I earnestly desire to submit to the Commission that they should give profound consideration, when the case is before them, whether there is, in this matter, sufficient ground for overriding both the principle of primary homonymy and that enunciated in the new Article containing the principle of conservation. It appears to me to be a matter of serious concern that principles which are so soon to be re-affirmed at Congress should be so easy to reject by the proposed exercise of plenary powers and that such action may tend to bring the Rules themselves into disrepute."

(b) *Dr. F. Zacher* (*University of Berlin/Charlottenburg, Germany*).—"I am still of the opinion that the name *Calandra granaria* Linnaeus has to be retained for the corn weevil, since this name has been used for a long time in literature, and especially in papers dealing with stores-destroying pests [references quoted in support]."

(c) *F. J. Gay* (*Commonwealth Scientific and Industrial Research Organization, Canberra, Australia*).—"Having considered all the evidence presented in this

report, I find no reason to change my original opinion, and accordingly, am in favour of the International Commission following the course of action laid down in Appendix 4 of the report."

DECISION OF THE COMMISSION

An unusual factor in the present case is that it is proposed to validate a junior homonym (*Curculio abbreviatus* Fabricius, 1787) without suppressing the senior homonym (*Curculio abbreviatus* Linnaeus, 1758). In accordance with an undertaking given by Mr. Hemming, this issue was treated separately from the other issues involved in submitting the case to the Commission for a vote. Two Voting Papers were therefore sent to the Members of the Commission on 1 November 1958. The first (Voting Paper (58)17) called for a vote for or against the proposals set out in *Bull. zool. Nomencl.* 16 : 45-47 with the exception of proposal 1(b) (the *abbreviatus* question). At the close of the Three-Month voting period on 1 February 1959, the state of the voting was as follows :

Affirmative Votes—twenty-one (21), received in the following order : Boschma, Holthuis, Dymond, Hering, Prantl, Mertens, do Amaral, Hemming, Mayr, Key, Riley, Bonnet, Lemche, Bodenheimer, Hankó, Jaczewski, Bradley, Tortonese, Cabrera, Brinck, Vokes.

Negative Votes—one (1) : Kühnelt.

On leave of absence—two (2) : Stoll, Miller.

Votes not returned—none (0).

Voting Paper (58)18, distributed at the same time, called for a vote for or against the use of the Plenary Powers to validate the junior homonym *abbreviatus* Fabricius, 1787 (*Curculio*). At the close of the voting period, the state of the voting was as follows :

Affirmative Votes—seventeen (17), received in the following order : Dymond, Hering, Prantl, Hemming, Mayr, Key, Riley, Bonnet, Lemche, Hankó, Jaczewski, Bradley, Tortonese, Cabrera, Kühnelt, Brinck, Vokes.

Negative Votes—five (5) : Boschma, Holthuis, Mertens, do Amaral, Bodenheimer.

ORIGINAL REFERENCES

The following are the original references for the names placed on Official Lists and Indexes by the Ruling given in the present Opinion :

abbreviatus, *Curculio*, Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 386

abbreviatus, *Curculio*, J. C. Fabricius, 1787, *Mantissa Ins.* 1 : 99

Calandra Brookes, 1830, *Mus. Brookes* : 93

Calandra Clairville & Schellenberg, 1798, *Ent. helv.* 1 : pl. 2

Calandra Gistel, 1848, *Nat. Thierr.* : 136

Calandra Oken, 1817, *Isis* (Oken), 1817 : 1184

Calandra Rafinesque, 1815, *Analyse Nat.* : 68

CALANDRAEAE Guilding, 1828, *Trans. Soc. Encour. Arts* 46 : 143

CALANDRAEIDES Schoenherr, 1826, *Curcul. Disp. meth.* : 23, 323

CALANDRIDES Schoenherr, 1837, *Gen. Spec. Curcul.* 4(2) : 790

CALANDRINI (correction of CALANDRAEIDES) Schoenherr, 1826, *Curcul. Disp. meth.* : 23, 323

- Calendra* Clairville & Schellenberg, 1798, *Ent. helv.* 1 : 62
 CALENDRINAE C. W. Leng, 1920, *Cat. Col. America N. of Mexico* : 335
decurtatus, *Curculio* Gmelin, [1790], in Linnaeus, *Syst. Nat.* (ed. 13) 1(4) : 1747
Diaprepes Schoenherr, 1823, *Isis* (Oken), 1823 : 1140
elegans, *Curculio*, Foureroy, 1786, *Ent. paris.* (1) : 118
granarius, *Curculio* Linnaeus, 1758, *Syst. Nat.* (ed. 10) 1 : 378
oryza, *Curculio*, Linnaeus, 1763 (an invalid original spelling for *oryzae*)
oryzae, *Curculio*, Linnaeus, 1763 (emend. of *oryza*), *Amoen. acad.* 6 : 395
Sitophilus Schoenherr, 1838, *Gen. Spec. Curcul.* 4(2) : 967
Sphenophorus Breitfuss, 1898, *Mém. Acad. Sci. St. Petersburg* (8) 6 : 4, 5
Sphenophorus Newberry, 1890, *Monogr. U.S. Geol. Surv.* 16 : 91
Sphenophorus Schoenherr, 1838, *Gen. spec. Curcul.* 4(2) : 874
sprengleri, *Curculio*, Linnaeus, 1767, *Syst. Nat.* (ed. 12) 1(2) : 609.

CERTIFICATE

WE certify that the votes cast on Voting Papers (58)17 and 18 were cast as set out above, that the proposals set out in those Voting Papers have been duly adopted under the plenary powers, and that the decisions so taken, being the decisions of the International Commission, are truly recorded in the present Opinion No. 572.

N. D. RILEY

Secretary

RICHARD V. MELVILLE

Assistant Secretary

International Commission on Zoological Nomenclature

London

1 May 1959